

1908 No. 2

New Mexico

VOL. II

1908

Vernon Bailey

U.S. Dept. Agrl.

1908

Chusca Mts.

Oct 12

Cottonwood Pass -
down east slope.

Pinus ponderosa 7000-

" *edulis* - 7000

Juniperus scopulorum - "

" *monosperma* - "

Yucca baccata - "

" *narrow leaf* - "

Cercocarpus parvifolius -

Artemisia tridentata 5000-7500

" *arbuscula* 7000- "

Opuntia *subpinnata* - "

" *long white spines* - "

" *fine* " - "

Cylindropuntia *lancea* - "

Cowania *mex* - a little at

Bigelovia tootifolia - "

Gutierrezia - "

Atriplex canescens - "

" *confertifolia* - 5300

Sarcobatus - 6000

Populus wislizeni ? a few - 5300

Ephedra antisyphilitica - 5000

Oct. 13 to Rio Chaca.
Same plants -

Oct. 14 to Fruitland
Sarcobatus vermiculatus
Atriplex canescens
" *confertifolia*
Ephedra
Bigelovia canescens
Artemisia tridentata
Lycium pallidum
Opuntia missouriensis
Cylindropuntia low
Yucca angustifolia
Rumex alata, *Rainiera*

Fruitland Oct. 14 -
Populus acuminata
Populus wislizeni
" *angustifolia*
Betula occidentalis /
Salix
"
Shepherdia argentea
Forestiera
Rhus trilobata
Artemisia tridentata
Atriplex canescens
" *confertifolia*
Bigelovia canescens
"
Gutierrezia
Chome
Senecio douglasii
Chrysona
Baccharis
Rosa
Glycyrrhiza
Oenothera
Helianthus annuus
Xanthum

San Juan Valley

Grimes Golden best apple
Jonathan next "
Arkansas Black "

Roman beauties

Barthlett pear
Russell

Oct. 14-19 - Fairbanks

<i>Ardea herodias</i>	1
<i>Buteo calurus</i>	com
<i>Archibuteo</i>	1
<i>Accipiter velox</i>	1
<i>Peregr</i>	com
<i>Cyanocitta cristata</i>	1, 3,
" <i>diadema</i>	a few
<i>Aphelecon</i>	"
<i>Euphagus</i>	com
<i>Agelaius</i>	com
<i>Molothrus</i>	
<i>Sturnella neglecta</i>	com
<i>Asyndesmus torquatus</i>	2
<i>Colaptes</i>	com
<i>Dryobates</i>	1
<i>Pipilo arcticus</i>	com
<i>Zonotrichia</i>	"
<i>Junco</i>	"
"	"
<i>Otocoris</i>	"
<i>Troglodytes</i>	
<i>Dendroica auduboni</i>	com
<i>Merula migratoria</i>	4
<i>Myadestes townsendi</i>	1-
<i>Corvus sinuatus</i>	3
<i>Sitta nelsoni</i>	2
<i>Circus</i>	com
<i>Bubo</i>	heard
<i>Sialia arctica + bairdi</i>	

Fauntland

Cynomys gunnisoni
Amospermophilus
Neotoma
Peromyscus
Perognathus apurei
Perodipus longipes
 " "
Dipodomys spectabilis
Thomomys alvius
Lepus texensis
 " *barleyi*
 " *arizonae*
Canis estor
Urocyon
Lynx
Mephitis
Taxidea

Castor *cuttings*
Erethizon, a few reported
Procyon said not to occur.

Oct. 20 Farmington to Fargo

Falcon mexicanus 1
Circus
Pica com all along
Agelaius com
Euphagus " "
Aphelocoma "
Zonotrichia "
Junco "
Otocoris abn.
Sturnella a few
Corvus sinuatus 2
Passer domesticus 100 at Fargo

Oct. 21 up Fargo

Gallus 3
Pica a few
Sialia arctica com
Poliaptila plumbea 11 or 12
Junco com
Zonotrichia "
Carpodacus 5
Colaptes 1

Largo & Blanco Blanco.

Populus wislizeni

Sarcobatus

Atriplex canescens
confertifolia

Euaeda

Eurotia

Cylindropuntia low

Opuntia - five spines

Bigelovia canescens

Pinus edulis

Juniperus (big berry)

Forestiera

Yucca angustifolia

Oct. 21 Blanco Canyon

Populus wislizeni

Juniperus monosperma

Pinus edulis

Forestiera

Atriplex canescens

" confertifolia

Sarcobatus

Bigelovia, leafless

Gutierrezia

Oct. 22 Blanco Canyon

Corvus sinuatus 486 2

Pica 475 2

Pipilo arcticus 588 1

" mesoleucus 592 1

Bubo heard 375

Junco

Zonotrichia 554

Sialia arctica 768

Colaptes 413

Otocoris 474

Am. spernophilus com -

Cyanus cyanocephalus scattered

Melospiza albicollis com

Erethizon groundhog com

Dipodomys spectabilis "

Perodipus "

Thomomys "

Lepus tex. "

" ariz. "

Cynomys "

Taxidea "

Oct. 23 Kimbitch & Chaca

Falco mex 2 " 355
 Buteo calurus 3375 " 3
 Agelaius 349 " 2
 Pipilo maculatus 592 " com
 Carpodacus 519 " "
 Salpinctes 715 " 1
 Passer domesticus ^{p.d.} com at Bait
 Corvus sinuatus 486 1 "
 Oryzopsis 702 1
 Otocoris 474 abu.
 Amphispiza nevadensis, a few
 Colaptes 413 1

Fossil forest in branch of Kimbitch

Oct. 24, Pueblo Point

Atriplex canescens
 " confertifolia
 Bigelovia canescens
 Guttierrezia
 Eurotia lanata
 Opuntia fine spines
 " round, leafy
 Cereus paucispinus, big,
 Rhoeo arborescens in canyon
 Juniperus monosperma, common
 Pinus edulis on mesa

Buteo f. calurus 3376
 Archaeopteryx sanctojoannis 1347a 2
 Falco mex 355 2
 Circus 331 1
 Corvus sinuatus 486 a few
 Otocoris 474 abu
 Sialia arctica 768 a few in canyon

Erethizon 1 dead
 Geomys gunnisoni - common, out
 Onychomys leucogaster 1
 Perodipus abu.
 Lepus sylvaticus spotted, abu.
 Leucurus 18 in house
 Neotoma com.
 Coyotes 4, abu.
 Badgers com.

Oct. 29, Costa Rica.

Pinus ponderosa
Quercus gambeli
" *maculata*
" *grisea*
Pinus edulis
Juniperus monosperma
Coumaria
Cercocarpus
Bigelovia canescens
" *hispida*
Gutierrezia
Chrysantha
Tetradymia canescens
Eurotia
Artemisia tridentata
Atriplex canescens
" *confertifolia*

Bluewaters

Oct. 26 to San Rafael

Oct. 26-31 San Rafael

Populus
Pinus edulis
Juniperus monosperma
Forestiera
Lycium pallidum
Pinus trilobata
Ribes cereum
Opuntia arborescens
Nolina
Sarcobatus
Atriplex canescens
Suaeda
Tumbleweed
" *Helianthella* "
Fallugia
Bigelovia
Opuntia fine spines
" brown spines
Cercus fine spines
Helianthus

Oct. 27 - 3 / San Rafael

Anas boschas	com
Streptopus, Chaulelasmus	"
Nythion carolinensis	a few
Gallinago delicata	1
Oxyechus ocyperus	2
Nycteorax	said to be here in summer
Rail, Porzana?	heard
Falco mexicanus	a few
" phalaena	1
Circus	com
Aquila	2
Accipiter velox	1
Buteo?	
Callipepla squamata	said to be here
Zootheryx gambeli	"
" meadewi	"
Sayornis hyloscopus	a few
Colaptes	"
Lanius	"
Otocorvus	numerous
Anthus	a few
Junco	com
Zonotrichia	"
Melospiza lincolni	a few
" montana	"
Rhyacophanes uexilis?	"
Pipilo megalonyx	"
Myadestes townsendi	"
Passer domesticus	com

Marshwren	com
Catherpes	1
Sialia bairdi	com
" arctica	"
Corvus sinuatus	a few
Agelaius	com
Xanthocephalus	said to be here
Sturnella neglecta	com
Aythya americana	1
Limosa	1
Botaurus	1
Geococcyx	1 with one
Mareca nigropinnata	3 Nov. 1.

Oct. 27 - San Rafael

Eutamias dorsalis, com
Citellus grammurus 2
Cynomys gunnisoni com
Neotoma walpaei
"
Microtus monineus com
Thomomys scarce
Perodipus
Perognathus
Lepus tex
" *arizonae*

Kentner

Neotoma kay
Vitch
Ceanothus

Nov. 2 to Grants

Nov. 3 Thoreau to Kentner

Pinus edulis
Juniperus monosperma
" *scapularum*
" *pachyphloea*
Begelovia canescens
Atriplex canescens
Ectodrynia canescens
Yucca baccata
Opuntia, flat, brown spines.

Pinus ponderosa
Pandanus
Quercus gambeli
Populus angustifolia
Berberis repens
Salix
Cornus
Ceanothus
Yucca angustifolia
Amelanchier
Populus tremulaoides
Rhus purpurea
Pachystima
Juniperus communis
Symphoricarpos
Ribes *sp.*

Zuni Mts - Nov. 2+3

Melospiza	
Calipygus oregonensis	6
Circus	1
Dendroica	said to be.
Accipiter cooperii	1
" asturinus	2
" velox	2
Circus	2
Cyanocitta	com.
Junco	"
Zonotrichia	"
Sitta pygmaea	"
Melospiza	"

Thouan

Passer domesticus ab.

Zuni Mts.

Adociclus hemionus	
" colesi? 1 reported,	
Sciurus aberti	com.
" mogabensis?	
Eutamias	com.
Citellus grammurus	
Cynomys gunnisoni	com.
Neotoma mex.?	"
Microtus mordax - mounds	
" mogabensis? mounds	
Erethizon	com.
Thomomys fulvus	"
Lepus robustus?	"
Canis mearni	com.
Ursus	a few,
Taxidea	com.
Mephitis	1

W. & Engle & Lam.

Prosopis glandulosa

Com

" *pubescens*

"

Acacia constricta

a few

" *greggi*?

Lalea formosa

Com

Rhus microphylla

"

Covillea

"

Yucca elata

abn

Lycium canescens!

Com

" *pallidum*

"

Fouquieria

in places

"

Juniperus monosperma M.

Com

Celtis

in canyon

"

Fraxinus

"

Ehretia? *Sapindus*

"

Rhus acavatica

"

Atriplex canescens

"

Yucca stricta

"

elata radiosa

abn

"

macrocarpa

a few

Dasylirion

on rocks

Opuntia arborescens

Com

"

leptocaulis

"

englemanni

sp. 2

"

brown spined

"

"

weakly spined

"

"

fine white spines

"

Echinocactus wislizeni

Com

Cereus engelmanni

"

<i>Quercus grisea</i>	N. in canyon
<i>Populus wislizeni</i>	"
<i>Baccharis viminea</i>	along R.
" <i>fin. leaf</i>	"
<i>Forestiera</i>	"
<i>Zizyphus</i>	com.
<i>Vitis arizonensis</i>	along R. a few
<i>Ephedra</i> green	com
" blue	"
<i>Koeberlinia</i>	a few
<i>Gutierrezia</i>	abn
<i>Begonia</i>	
<i>Senecio douglasii</i>	com
(<i>Parthenium incanum</i>	"
<i>Mariola</i> , rubber plant)	co
<i>Lippia wrightii</i>	"
<i>Lycium pallidum</i>	"
" <i>parviflorum</i>	"

Rio Grande + Engli

<i>Callipepla</i>	293	abn
<i>Zonotrichia</i>	354	com
<i>Turdus</i>		"
<i>Pipilo maculosa</i>	542	"
<i>Aphelocoma</i>	480	1
<i>Toxostoma curvirostris</i>	707	1
<i>Dryobates. baileyi</i>	395	4
<i>Culaptes</i>	412	3
<i>Helodytes</i> nests	713	com.
<i>Passer domesticus</i>	412	com both places
<i>Otocoris</i>	474	
<i>Carpodacus</i>	519	3
<i>Circus</i>	1	331
<i>Archibuteo</i> juv.	1	148
<i>Sporophila</i>	1	372
<i>Aquila</i>	1	349

Engls to Rio Grande dam.

Citellus grammurus 3
Cynomys ludovicianus abn
Neotoma
Dipodomys spectabilis abn
Lepus texianus com
 " a. minor " "
Vulpes neomexicanus 1
Canis mearnsi 1 com.
Procyon, com along R.
Mephitis " "
Taxidea badlandi, holes

Musilla Park Nov. 8 - 12

Zenaidura macroura 1
Callipepla squamata com
Lophortyx gambeli "
Colaptes 2 "
Accipiter cooperi 1
Zonotrichia abn
Carpodacus frontalis com
Spizella breweri? a few
Astragalinus psaltria com
Passer domesticus "
Heliodytes "
Toxostoma curvirostris 1
Mimus lucasptera 3
Sialia mex. 4
Agelaius 1 com
Sturnella 2 "
Pyraloxia 2 "
Otocoris ~~abundant~~ 2 "
Anthus " "
Tunco 2 "
Geococcyx tracks com.
Sialia mex 24
Lanius 4
Falco phalaena 1
Archibuteo ferrugineus 1
Sayornis saya 1 Nov. 11 & 12

Massella Park, No. 7-

Populus wislizeni

Salix

"

"

Prosopis glandulosa

" *adorata*

Baccharis glutinosa

"

Pinus borealis

Fraxinus velutina

Sambucus mexicana Tree

Juglans - big perron tree

Atriplex canescens

"

Chilopsis

Yucca radiosa

"

macrocarpa

Ziziphus

Cercocarpus

Lycium portlandiae Torrey

Amorpha fig

Chenopodium spinosum

leafless lactuca like

Suaeda

Suaeda

On mesa

Covillea	- 5000
Koeberlinia	- "
Flourensia cernua	- "
Krameria canescens	- "
Acacia constricta	- 3500
Koeberlinia	- 5000
Rhus microphylla	- 5500
Yucca radiosa	- "
" macrocarpa	- 500
Ephedra trifurca	- "
Hymenoclea monogyra in wash	
Colosanthus laschinata	" "
Gutierrezia glomerata	- 5000
" liveraefolia	"
Baccharis pumilio	"
Zinnia pumila	"
Opuntia longichiranthus	- 3500
Cereus engelmanni?	
Echinocactus wislizeni	- 5000

Musilla Park

Bandavis apple
Black bandavis ..
Arkansas black
Missouri pippin

Mesa + Organ Mts. Nov. 9

Minusa binneifera	5000 -
Chrysozona lavisiphia	" -
Senecio douglasii	" -
Opuntia arborescens	"
" cycloides	"
Rhus aromatica	"
" premila	"
Gutierrezia arizonica	"
Morus microphylla	"
Celtis reticulata	"
Lignocladia spicosa	"
Lippia wrightii	"
Garryia wrightii	"
Juniperus pachyphloea	5500 -
Agave appplanata	"
Dasylicium	"
Fraxinus velutina	"
Cercocarpus paucidentatus	"
Rubus hamatocephalus	6100
Colosanthus wrightii	5500 - 6300
Pinus edulis	" - 6500
Sapindus	"
Pinus edulis	5000 - "

Organ Nuts. Nov. 9

Pinus ponderosa N E, 6200-
Quercus gambeli " 6300-
Pseudotsuga " 6500-
Robinea monneyana " 6300-
Symphoricarpos monneyana 6400
Phila 6300
Bromus porteri, Chess " -
~~*Sambucus racemosa*~~

Went up to 7050 -
Highest peak 8900

Depodomya spectabilis 4800-5200
begins at 8 miles E. of town

Perodipus ardi, one found dead 4200

Organ Nuts Nov. 9

Applousana a few
Cathartes " "
Harporhynchus curvirostris 3
Corpodacus frontalis com
Callipepla squamata com

Miller Park
Apples

Bundavis very good
Black Bundavis better
Arkansas black best
Mammoth Blacktwig, very good
Missouri Pippin " "
Rhode Island Green " "

Peaches

Alexanders, best early peach
Crawfords, early + late, very good
Albertas, very good, sure crop

Plums

Blue plums (Prunes) do well
Green Gage "

Pears

Not sure crop.

Cherries N.G.

Figs

Have to be protected to live

Grapes

Mission good, standard
Muscats, do well if huddled in
Alexanders " "
Tokay " "
Flame Tokays, doubtful.

Quinces - do well

Musilla Park

Nov. 13 to El Paso

R.J. (or El Paso SWa. & Chicago

Nov. 14 Liberal Kansas
to Topeka - dusk

Nov. 15

Rock Island to Chicago

12 M.

Left Chicago 5 PM, Bro.

Plant Catalog 1908

Albuquerque July 28

1420. *Gutierrezia*

1421. *Loewia drammordi*

grac

1422. *Baccharis viminea*

G.

1423. *Pterosela scoparia*, Rose
~~*Dalea canescens*~~

1424. *Chrysothamnus bigelovii* *G.*

1425. *Ephedra antisiphilitica*

~~1426.~~ Marzano Mts. July 30.

1426. *Sorbus scopulina* (Wooten)

1427 ~~*Opuntia*~~ *Edwinia americana* (Wooten)

1428. *Berberis haematocarpa* Wooten

Hachita Aug. 6.

1429. *Condalia spathulata* (Wooten)

1430. *Cassia wislizeni* Rose

Aninos Valley, Aug. 6

1431. *Juglans major*

1908.
San Francisco Mts. Sept. 4
1432. *Ceanothus fendleri*
~~1433~~ " "

White Mts. Ariz Sept. 13

1433. *Ceanothus fendleri*

1434. *Vicia leavenworthi*, (Wight)

1435. *Alnus tenuifolia* (Wooten)

Thomas Peak 11280 ft, Sept. 12

1436. *Clematis rhodantha* R.

1437. *Pseudocymopterus montanus* R

1438. *Ligusticum porteri* R.

1439. *Gentiana*

1440. *Gentiana*

1441. *Dryas hoopesii* Green

1442. *Vaccinium myrsocarpum*?

1443. *Potentilla*

Thomas Peak -

1444. *Pentstemon*

1445. *Pedicularis*

1446. *Companula*

1447. *Solidago parryi*

Green

1448. *Senecio rubyi*

"

1449 *Pieradenia*

"

1450 *Achillea lanulosa* Green

"

1451. *Draba*

1452. *Draba*

1453. *Arenaria*

1454. "

1455

1456. *Fern*

Las Lunas Sept. 18
1457. *Coumaria mexicana*

Zuni Valley Sept. 22
1458. *Chrysothamnus graveolens* - Green

1459. *Chrysothamnus moquianus* "

1460. *Chrysothamnus stenophyllus* "

1461. *Populus wislizeni* (Wooten)

Chusca Mts., E. slope 7000. Oct. 12

1461. *Artemisia arbuscula*?

1462. *Artemisia tridentata*

Fruitland Oct. 18
1463. *Chrysothamnus linifolius* - Green

1464. *Baccharis* sp. var.

1465. *Chrysothamnus graveolens* - Green

1466. *Adelia monesiana* - Green

Organ mts. Nov. 9

1467. *Berberis haematocarpa* Wooten

1468. "

from type bush.

1469. *Sambucus mexicana* - Wooten

Chusea mts.

1470. *Yucca angustifolia* ? sp. nov.

San Rafael

1471. *Nolina*

Rocky Creek, 8000 feet.

1472. *Ribes pinetorum*, ^{Corolla} spiny berry

Escudilla mts.

1473. *Ribes pinetorum* Corolla

1474. *Ribes inebrians* (red current) C.

Thomas Peak 11280 feet

1475. *Ribes montigenum* (red) C.

White mts. 8500 feet.

1476. *Ribes wolfii*, (blue) C.

Escudilla mts.

1477. *Ribes inebrians* (red) C.

1478. *Ribes pinetorum* (spiny) C.

1479. " " C.

1480. " *wolfii* (blue) C.

Hachita, N.M. (15 mi. E.)

1481. *Juniperus scopulorum*?

Las Tusas Ariz.

1482. *Juniperus scopulorum*?

Chusca Mts, N.M. 8000 ft

1483. *Juniperus scopulorum*

Canyon Largo

1484. *Juniperus utahensis*

Canyon Blanco

1485. *Juniperus gymnocarpa*

San Rafael

1486. *Juniperus gymnocarpa*

Engle Dam

1487. *Juniperus monosperma*

Zuma Valley

1488. *Quercus ~~agabum~~ gambeli*

Zuni Mts.

1489. *Quercus gambeli*

Organ Mts.

1490. *Quercus gambeliana*

1491. " *arizonica*

Silver City N.M.
1493. *Juglans major*

Playas Valley
1494. *Juglans major*



Mescalito Park N.M.

Wootton

Prof. Fabian Garcia

A.

Garrison

Prof

Hummel

Standley

Ollinger

Dies

N. N. Hoyer

W. S. Gillean

S. P. Stewart

J. C. Robbins

E. T. Turney

J. G. Stewart

O. C. Snows

Hiram Hadley

Dr. Robertson

Misilla, N.M.

Dr. Hines

W. C. Reynolds

Capt. Wilkason

Victoria, N.M.

F. H. White

W. M. Mead

J. H. Potter

P. H. Hanson

Peter Applegoller

Las Cruces, N.M.

Rio Grande Republican

James Quesenberry

Robt. Elwood

Wilber Sampson

P. R. Birdwell

H. M. Peterson

John McChure

Frank Crop

Berino N.M.

D. J. Jones

C. A. Thompson

J. G. Kilgore

C. E. Stark

John McNare

J. L. Thompson

Anthony N.M.

P. H. Bailey

C. E. Miller

Royal Jackman

Transportation orders

Washington to Albuquerque	50.00
El Paso to Deming	5.00
Thomson to Albuquerque	5.05
Albuquerque to Eagle	5.65
El Paso to Wash.	52.90
	<hr/>
	123.40

Expense Accts.

July.	48.00
Aug.	126.80
Sept.	179.40
Oct.	172.40
Nov.	83.40
	<hr/>
	610.00
	123.40
	<hr/>
	733.40

N. L. Luningan, Fortkeper
H. D. Defiance Ariz.

J. B. Moore, Crystal, NM
Cyril James Callyer
Fruitland, NM.

Quiver Johnson, Farmington

F. T. Annot, Blanco

Jos. Schmiedding, Pueblo Bonito
Putnam, N.M.

C. B. Russell, Bluewater

Dr. Chas M. Groves,
San Rafael
Ediluo Garcia,
Miss. Hester

Bluewater Irrigation Co.
Albuquerque
for C. S. H. H. H.

H. F. Brock, Grantman

Holckiss cr. \$15.00
13.65

1.35

Camera 11.25
3 film packs 2.40

13.65
2 film packs 1.60

15.25

